

Team Pumas: Robot Specification

RoboCup Humanoid LargeSize 2026

National Autonomous University of Mexico

1. Specifications

Team Pumas is composed 2 humanoid robots (1 Unitree G1 and 1 Booster T1).

PROPERTY	DESCRIPTION
Robot Name	Unitree G1
Height	130 cm
Weight	35 kg
Walking Speed	1 m/s
Degrees of Freedom	23
Computing unit	NVIDIA Jetson AGX Orin 64 GB Ram
Electronics	Power Module and CAN bus communication
Actuator	QDD Motor with Planetary Reduction
Camera	Intel Realsense Depth Camera
Sensors	3D LIDAR, IMU, Internal Actuator Sensors
Battery	48V 9000 mAh

PROPERTY	DESCRIPTION
Robot Name	Booster T1
Height	118 cm
Weight	30 kg
Walking Speed	1 m/s
Degrees of Freedom	23
Computing unit	NVIDIA Jetson AGX Orin 64 GB Ram
Electronics	Power Module and CAN bus communication
Actuator	QDD Motor with Planetary Reduction
Camera	ZED AI 3 Stereo Camera
Sensors	3D LIDAR, IMU, Internal Actuator Sensors
Battery	48V 10.5 Ah

